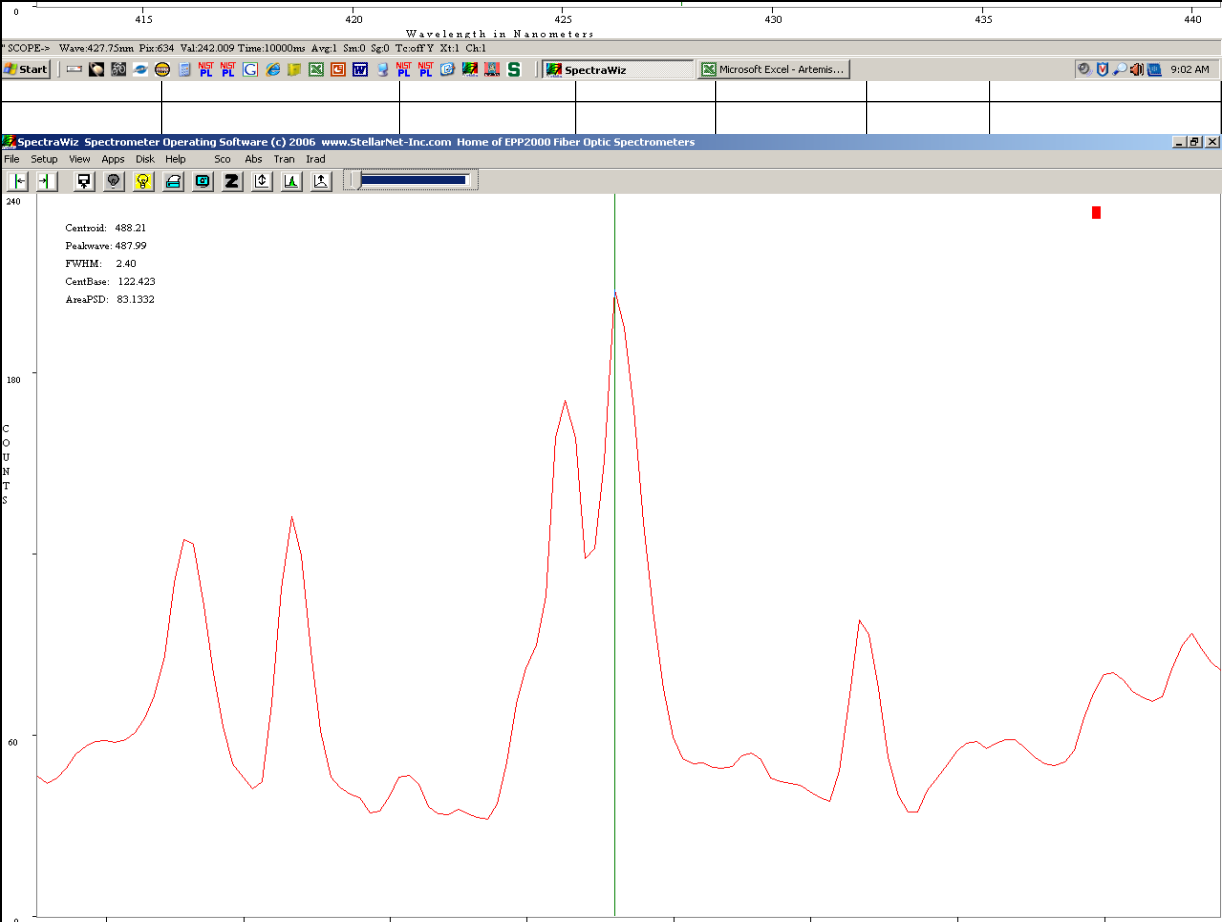
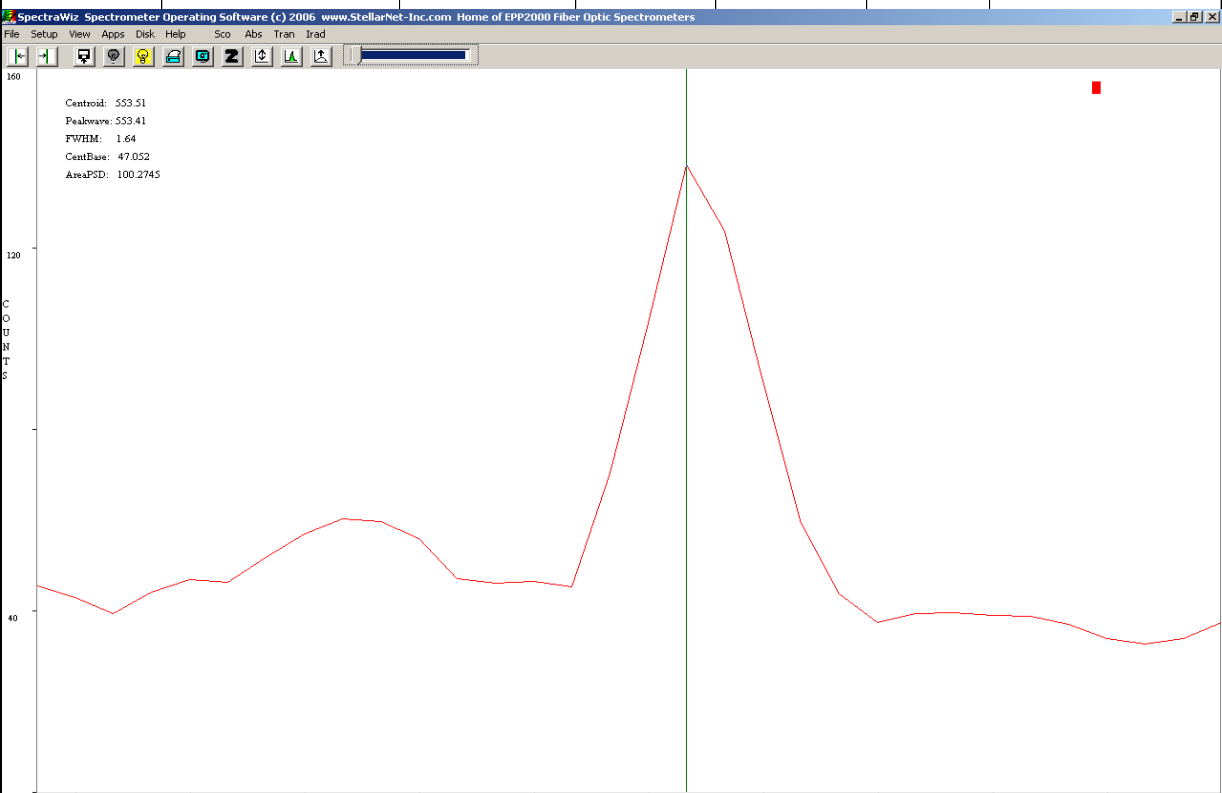
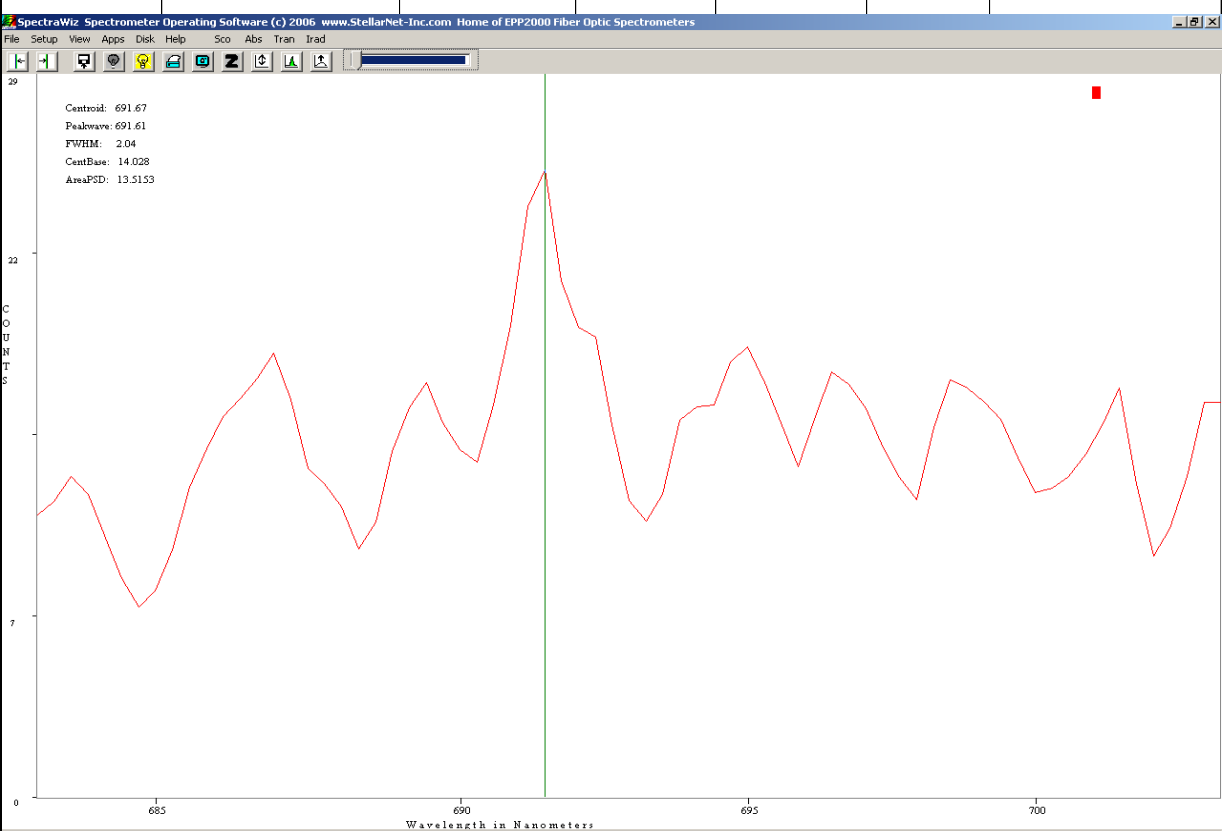
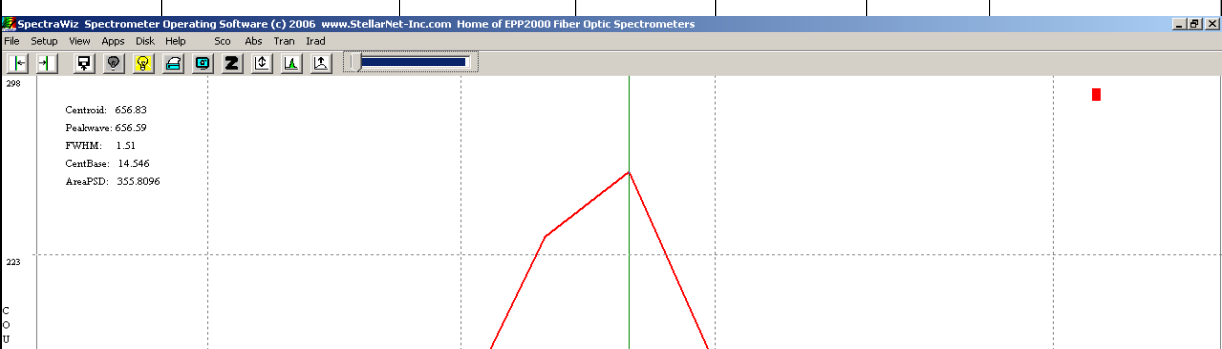


[illegible]

		487.9 nm Ar II line used in calculation 487.9864 487.9863 800 8.23e+07 4.41e-01 A 17.1400263 - 19.6800477 3s23p4(3P)4s - 3s23p4(3P)4p 2P - 2D° 3/2 - 5/2 4 - 6	
		553.5 nm Ar X magnetic dipole moment M1 line 553.40 1.06e+02 2.43e-07 B 0.0 - 2.2398 2s22p5 - 2s22p5 2P° - 2P° 3/2 - 1/2 4 - 2 M1 Note there are no other Ar X lines in the 200-850 nm range	
		691.7 nm Ar XI magnetic dipole moment M1 line 691.7 3.9e-04 1.7e-12 D 0.0 - 1.7919 2s22p4 - 2s22p4 3P - 3P 2 - 1 5 - 3 E2 1,2 691.7 6.65e+01 2.86e-07 B 0.0 - 1.7919 2s22p4 - 2s22p4 3P - 3P 2 - 1 5 - 3 M1 1 Note there are no other Ar XI lines in the 200-850 nm range	
		Hydrogen alpha H I 656.27096nm [multiplet] Continuum to line ratio method gives a highly uncertain T[K] = 15000- 20000K due to uncertainty in continuum levels figure 13-6 'Plasma Spectroscopy' by Hans R. Gien 1964	

